

BERMAN, K.; HAUBA, J.; HOSPODKA, J.

Changes in the rate of fermentation of maltose during propagation of industrial baker's yeast. Folia microbiol. 8 no.2:93-101 '63.

1. Department of Technical Microbiology, Institute of Microbiology,  
Czechoslovak Academy of Sciences and United Distilleries, Prague.  
(FERMENTATION) (GLUCOSE) (MALTOSE) (YEASTS)  
(GLYCOSIDE HYDROLYASES)

BERAN, K.; HOSPODKA, J.; HAUBA, L.

The effect of start wort on the initial period of baker's yeast fermentation. Folia microbiol 6 no.2:86-93 '61. (EEAI 10:5)

1. Department of Microbiology, Institute of Biology, Czechoslovak Academy of Sciences and United Distilleries, Prague 6.  
(WORT) (YEAST) (FERMENTATION)

CZECHOSLOVAKIA/EAST GERMANY

HAUDE, W; Institute of Pathological Physiology, Jena [Original version not given].

"The Influence of Adrenal Hormones, Starvation and Alloxan Diabetes on Non-esterified Fatty Acids in the Plasma of Rat Fetus and Newborn Rats."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 2, Feb 66, pp 81-82

Abstract: Concentration of non-esterified fatty acids (NEFA) in the serum of fetus is 1/3 less than in adult rats; the increase in NEFA which normally takes place after birth can be reduced by administration of dihydroergotamine. Epinephrine and prednisone cause an increase in NEFA in animals 1 day old only when they are starved; in animals over 10 days old, the increase occurs always. Alloxan diabetes increases the NEFA content in the serum of both mother and fetus. No references. Submitted at "16 Days of Physiology" at Kosice, 28 Sep 65.

1/1

HAUDUCI, P.; LUCCHESI, M.; SUDIC, D.

A need for a new classification of the genus Mycobacterium.  
Tuberkuloza 16 no.3:211-214 My-Ag '64.

1. Institut za bakteriologiju medicinskog fakulteta, Lausanne;  
Institut Carlo Forlanini, Rim; Republicki zavod za zastitu  
zdravlja, Zagreb.

DUNKEN, H ; MIKKELSEN, W ; HAUCKE, G.

Spectrochemical analysis of  $H_2O-D_2O$  mixtures with the aid of band spectra. Glas Hem dr 29 no. 9-10, 29-38 1963.

1. Institute of Physical Chemistry of the Friedrich-Schiller University, Jena, German Democratic Republic.  
Submitted December 6, 1963.

CA HAUER, A.

*General & Physical  
Chemistry - 2*

New possibilities for the application of activated aluminum. A. Rommwalter and A. Hauer (Sopron, Hung.). *Acta Tech. Acad. Sci. Hung.* 2, No. 1: 43-54 (1961). Active Al is Al amalgam. Its reaction rate with liquid Hg varies irregularly, owing to the desquamation of a scablike layer, causing Hg losses, and resulting first in an increase, then in a decrease, of activity until finally Hg-free Al remains. Al activated by Hg cementation releases in an excess of H<sub>2</sub>O at a temp. of 15° approx. 0.12 cc. H<sub>2</sub> gas per sq. cm. surface, until it loses its activity after a total release of 90 cc. gas per sq. cm. surface. This rate and total amt. depend also on the treatment of the Al during activation and upon stresses in the original surface. Activation, e.g. in an ethereal HgCl<sub>2</sub> soln., is approx. 3 times as effective as activation in aq. HgCl<sub>2</sub>. Activated Al is suitable for the

desiccation of gases, org. liquids, and for the careful dehydration of absorbing gels (SiO<sub>2</sub> or Al<sub>2</sub>O<sub>3</sub>). A. M. P.

HAUER, A.

"Polarography" by Dr. Janos Proszk, Dr. Vilmos Cielelszky, Dr.  
Karoly Gyorburo. Reviewed by A. Hauer. Koh lap 98 no. 3: Suppl:  
Ontode 16 no. 3: 59 Mr '65.

HAUER, J.

11  
/ Large nuclear power reactors. Josef Hauer (V. I. Lenin Works, Pilsen, Czech.). *Industrie* 9, 280-95 (1959). — 3  
A comparison of the reactor pressure vessels of the first Czechoslovak power station, the French power reactor in Chinon, the U.S. one in Shippingport, the West German one built by Ruhrstahl, and the British one in Calder Hall. Tests of a small-scale model and of parts of the full size vessel are described. H. Newcombe

HAUER, J.

"Rationalizers' movement in gas industries." P. 135.

PALIVA. (Ministerstvo paliv a Ceskoslovenska vedecka technicka spolecnost pro byuziti paliv pri Ceskoslovenske akademii ved). Praha, Czechoslovakia, Vol. 39, No. 4, Apr. 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,  
August 1959.  
Uncla.

HAUER, J., inz.

Basic problems of the gas industry development up to 1970.  
Paliva 44 no.5/6:130-132 My-Je '64.

SMRCKA, J.; BRET, J.; HAUER, J.; POLOMIS, V.

Contribution to the diagnosis and therapy of liver metastases  
of a nesidioma. Cas. Lek. Cesk. 103 no.17:477-478 Ap 24 '64.

1. II. vnitřní oddelení UVN v Praze (vedoucí MUDr. J. Smrcka)  
a Rentgenologické oddelení UVN v Praze (vedoucí MUDr. F. Sykora).

HAUER, Josef; HAVEL, Stanislav; NEPEC, Jaroslav; STEPANEK, Stanislav

Pressure vessel of the first Czechoslovak nuclear power plant.  
Jaderna energie 10 no.9:322-336 S '64.

1. Zavody V.I. Lenina National Enterprise, Plzen.

vyb. 1, inz. 4000, 10, 100.

Solution of the problem of interchangeability of fuel gases  
in Czechoslovakia. Fuel 44 no.2:34-36 1964.

1. Ústav pro výzkum paliv, Sečovice (for Hypr).
2. Státní plynáren, Praha (for Hausr).

HAUER, Jan

Hormonal therapy of rheumatic fever. Cas.lek.cesk. 98 no.46:1432-1435 13 N '59.

1. Ustredni vojenska nemocnice Praha.  
(RHEUMATIC FEVER ther.)  
(ADRENAL CORTEX HORMONES ther.)  
(CORTICOTROPIN ther.)

HAUER, Jan

Results of control examination at a regional military hospital in Prague of treated rheumatic fever convalescent patients several years after the acute stage. Cas.lek.cesk. 98 no.46:1435-1438 13 N '59.

1. Ustredni vojenska nemocnice Praha.  
(RHEUMATIC FEVER compl.)

HAUER, JAN

SURNAME (in caps); Given Names

Country: Czechoslovakia

Academic Degrees: [not given]

Affiliation: Internal Department II of the Central Military Hospital (II interni oddeleni Ustredni vojenske nemocnice), Prague; Chief (Prodnosta): Major General (generalmajor) MUDr Jiri Smrcka and the Health Administration of the Ministry of the Interior (zdravotnicka sprava ministerstva vnitra)

Source: Prague, Fysiatricky Vestnik, Vol XXXIX, No 4, August 1961, pp 207-210

Data: "Our Experience with the Test of C-reactive Protein in Rheumatic Carditis."

Authors:

HAUER, Jan

PROKSAN, Frantisek

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CZECHOSLOVAKIA

Col Jan HAUER, MD, CSc, and Lt Col Jan KASA, MD; Second Department of Internal Medicine, Central Military Hospital (II Interní oddelení UVN [Ústřední vojenská nemocnice.])

"Steroid and Spironolactone Therapy of Fluid Retention Syndromes."

Prague, Vojenské Zdravotnické Listy, Vol 31, No 3, Jun 82; pp 104-108.

Abstract [English summary modified]: Clinical data on 17 patients treated in 1959 with the newer steroid preparations, mercurial and thiazide diuretics and spironolactones (4 patients). Comprehensive details about diagnosis, clinical course and response patterns. One case report, 2 graphs, 1 table; 5 Czech and 52 Western references.

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CZECHOSLOVAKIA

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CIA-RDP86-00513R000617920001-5

HAUER, Jan, MD, CSc, Col; Second Department of Internal Medicine of Central Military Hospital (II. interní oddelení Ústřední vojenské nemocnice, (Head -Prednosta) Gen Jiri SMRCKA, MD; Prague.

"Acute Conditions and Emergencies in Endocrinology."

Prague, Vojenské zdravotnické listy, Vol 32, No 1, Mar 63; pp 19-24.

Abstract : Literature review of adrenocortical, thyroid, pancreatic insular, parathyroid emergencies, diagnosis and treatment. Sixteen Czech and 19 Western references.

1/1

SMRČKA, J.; BUZEK, F.; HAUER, J.

Clinical experiences with the diagnosis of inflammatory diseases  
of the pancreas. Cas. lek. česk. 104 no.29:787-792 16 JI'65.

1. II. vnitřní oddělení Ústřední vojenské nemocnice v Praze  
(naceľník: MUDr. J. Smrčka.

HAUER, J.; FRKAL, A.; POLOMIS, V.

Gastrointestinal hemorrhage as a complication of steroid therapy. Cesk. gastroent. vyz. 19 no.6:340-345 S '65.

1. II. vnitřní oddělení UVN v Praze (vedoucí MUDr. J. Smrčka).

Cardiovascular Diseases

CZECHOSLOVAKIA UDC 616-002.771-085.361.43(:547.92)-036.8:616.12643

HAUER, Jan; FRKAL, Antonin; 2nd Internal Department Central Military Hospital (II. Vnitřní Oddělení Ústřední Vojenské Nemocnice), Prague, Head (Nacelnik) Dr Jiri SMRČKA.

"The Influence of Steroid Therapy of Acute Attacks of Rheumatic Fever on the Incidence of Post-Rheumatic Valvular Defects."

Prague, Vojenske Zdravotnicke Listy, Vol 35, No 6, Dec 66, pp 246 - 252

Abstract [Authors' English summary modified]: 115 rheumatic patients who were treated with steroid therapy, combined with sodium salicylate and or sodium gentisate were examined; the incidence of valvular defects was much more frequent than in a group of 94 rheumatic soldiers who did not receive the steroids. On the other hand, the incidence of valvular defects due to rheumatic inflammation of endocardial valves was lower in the first group. The authors recommend the administration of cortisonoids in indicated cases of rheumatic carditis. 12 Tables, 57 references (not specified).

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HAUER, L.

Damages caused by game in Hungary and protection against them. In Czech, German and Russian. p. 357.

(Sbornik Rada Lesnictvi, Vol. 30, no. 4, April 1957. Praha Czechoslovakia)

SO: Monthly List of East European Accessions (REAL) LC, Vol. 6, no. 10, October 1957. Uncl.

HAUER, Lajos, dr., tudományos munkatárs

Prevention of damage caused by wild animals using blood albumin.  
Erdo 12 no. 3:125-129 Mr '63.

1. Erdeszeti Tudományos Intezet, Budapest

\*

HAUER, R.; IANCULESCU, St.; CODREANU, D.

Influence of mobility ratio, rate of flow and transformation  
of ex, oitation wells into injection wells on the advancing  
of the water-oil contact. Petrol si gaze 15 no. 7:348-355  
Jl '64.

Hauf, J.

New trends in the construction of turboalternators. p. 191  
ELEKTROTECHNICKY OBZOR. (Ministerstvo strojirenstvi a Ministerstvo  
paliv a energetiky) Praha. Vol. 45, no. 4, Apr. 1956

Source: EEAL LC Vol. 5, No. 10 Oct. 1956

HAUF, J.

HAUF, J. New Swedish ASEA asynchronous motors. p. 50.  
Sec. Comparing electric locomotives using an alternating current of 16 and  
2/3 cycles per second and an alternating current of 50 cycles per second. p. 51

Vol. 46, no. 1, Jan. 1957  
ELEKTROTECHNICKY OBLAZ  
TECH OLOU  
Czechoslovakia

So: East European Accession, Vol. 6, No. 5, May 1957

HAUF, M.

Czechoslovakia

Lehrplaene fuer Heranbildung der Vermessungsingenieure (tschech.) S. 23-26

SO: Vermessungs Technik, Nov 1955, Uncl.

HAUF, M.

Czechoslovakia

Konstruktion der geodaetischen Instrumente (tschech.) S. 52-53

80: Vermessungs Technik, Nov 1955, Uncl.

HAUF, Miroslav, inz., dr.

New elements in the design of geodetic instruments. Geod kart  
obzor 8 no.12:231-236 D<sup>1</sup>62.

1. FS, Ceske vysoke uceni technicke, katedra vyssi geodezie,  
geodeticka laborator.

HAUF, M., doc., inz. dr.

Functional tests of the compensator of the Meopta MNK 20  
surveyor's level. Jemna mech opt 8 no.9:281-284 S'63.

1. Geodetiska laborator, Ceske vysoke uceni technicke, Praha.

PROSINSKI, Stanislaw; SURMINSKI, Janusz; HAUFA, Barbara

Chemical composition of narrow-leaved reed (*Typha angustifolia*) and experiments in obtaining cellulose pulp from it. Roczniki wyz szkola rol Poznan 16: 135-139 '63.

1. Department of Chemical Technology of Wood, College of Agriculture, Poznan.

HAUFA, Tadeusz

Research on lumber drying in the Siljan type tunnel kilns.  
Drevo 19 no.10:368-371 O '64.

1. Institute of Wood Technology, Poznan.

HAUFLER, V.

"Changes in Pasturing in the Slovak Tatra Mountains and in the Lower Tatra Mountains during the last 25 Years. Tr. from the Czech." P. 89  
(PRZEGŁAD GEOGRAFICZNY. POLISH GEOGRAPHICAL REVIEW, Vol. 26, No. 1, 1954, Warszawa, Poland.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3,  
No. 12, Dec. 1954, Uncl.

HAUFLER, VLASTISLAV.

Horske oblasti v Ceskoslovensku a jejich vyuziti. (1. vyd.) Praha, Nakl.  
Ceskoslovenske akademie ved, 1955. 310 p. (Mountain areas of Czechoslovakia  
and their exploitation. 1st ed. illus., maps (part fold.) bibl., graphs,  
index, tables)

SO: Monthly Index of East European Acquisitions (EEAI) Vol. 6, No. 11 November 1957

HAUFLER, V.

GEOGRAPHY & GEOLOGY

Vol. 63, no. 3, 1958.

Haufler, V. Mountain pasturing on the Greater and Krivan Lesser Fatra in 1957.  
p. 220.

Monthly Index of East European Accessions (EEAI) LC, Vol. 8, No. 1,  
Jan. 1959.

HUMPLER, V.

"Miroslav Blazek's Hospodarsky zemeis Ceskoslovenska (Economic Geography of Czechoslovakia); a book review."

STROEMIK, Praha, Czechoslovakia, Vol. 64, No. 2, 1959.

Monthly list of EAST EUROPEAN ACCESSIONS INDEX (EEAI), Library of Congress,  
Vol. 8, No. 8, August, 1959.

Unclassified.

HAUFER, V.; KRSEK, V.; HROMADKA, J.

"A progressive national atlas is being prepared for publication."

SPORMIK, Praha, Czechoslovakia, Vol. 64, No. 2, 1959

Monthly list of East European Accessions Index (EEAI), Library of Congress,  
Vol. 9, no. 2, August 1959

Unclassified

HAUFLER, Vlastislav

"Life pictorial atlas of the world." Reviewed by Vlastislav  
Haufler. Geogr cas SAV 15 no.2:157-159 '63.

HAUFLER, Vlastislav

Contribution to the demography of the North-Bohemia region; differences  
between years 1921-1961. Sbor zem 68 no.1:22-29 '63.

HAUFER, V.

Study of geography at universities; new curriculums. Sbor  
zem 68 no.2:188-191 '63.

HAUFLER, V.; STRIDA, M., dr. CSc.; STEPANEK, M., inz. arch. CSc.; PECKA, K., inz.;  
GOTZ, Antonin, promovany geograf

Geography in scientific institutes and in economic practice. Sbor  
zem 69 no.4:333-336 '64.

1. Geographical Institute of the Czechoslovak Academy of Sciences,  
Prague (for Strida and Gotz). 2. Director of the State Institute  
of Zone Planning, (for Stepanek). 3. Chief Editor of the Institute  
of Cartography and Reproduction, Prague (for Pecka).

L 38585-66

ACC NR: AP6027683

SOURCE CODE: CZ/0084/66/000/001/0044/0050

AUTHOR: Haufler, Vlastislav

ORG: none

TITLE: Geography of the population of Slovakia -- differences in the number of inhabitants of the community between 1921 and 1961

SOURCE: Geograficky casopis, no. 1, 1966, 44-50

TOPIC TAGS: demography, geographic survey

ABSTRACT: The article presents a geographical and statistical evaluation and generalization of differences in population of the Slovak regions, district and communities for the period 1921-1961. Conditions in Slovakia and Bohemian areas during the same period are compared. Orig. art. has: 3 figures and 6 tables. [Based on author's Eng. abst.] [JPRS: 36,844]

SUB CODE: 05, 08 / SUBM DATE: none

Card 1/1

HAUFT, Jindrich

Conference on the new technology of drilling and mine survey-  
ing. Geol pruzkum 6 no. 3:92-93 Mr '64.

HAUFIOVA, P.

CERNOHORSKY, J., Doc. Dr.; HAUFIOVA, D., Dr.; LUKL, P., prof. Dr.

Long lasting paroxysmal ventricular tachycardia in the course of myocardial infarct stopped by intravenous quinidine. Cas. lek. cesk. 93 no.48:1320-1325 26 Nov 54.

1. Interni klinika FU v Olomouci. Prednosta prof. Dr. P. Lukl  
(TACHYCARDIA, PAROXYSMAL  
ventric. with myocardial infarct, ther. by quinidine)  
(MYOCARDIAL INFARCT, complications  
tachycardia, paroxysmal, ventric., ther. with quinidine,  
intravenous admin.)  
(QUINIDINE, ther. use  
tachycardia, paroxysmal ventric. with myocardial infarct,  
intravenous admin.)

HAUFTOVA, Dagmar, MUDr.

Results of antibiotic therapy of actinomycosis. Vnitr. lek.  
Brno 1 no.5:386-393 May 55.

1. Z I. vnitřní kliniky PU v Olomouci, přednosta prof. MUDr.  
Pavel Lukl.

(ACTINOMYCOSIS, therapy  
antibiotics.)

(ANTIBIOTICS, ther. use  
actinomycosis.)

EXCERPTA MEDICA Sec.13 Vol.11/3 Dermatology, etc. Mar 57

817. HAUFTOVÁ D. and KOD'OUSEK R. I. Vnitřní Klin. PU, Olomouc; Pathol.  
-Anat. Úst. PU, Olomouc. \*Užití ACTH v léčbě Weberovy-Christianovy  
nemoci. ACTH therapy in Weber-Christian's disease VNITŘ.  
LÉK. 1955, 1/12 (919-924) Graphs 1 illus. 6  
Report of a case where 25 U. of ACTH in 500 ml. of a 5% glucose solution were

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CONT

administered daily. Within a few days the s. c. nodules, fever and pain subsided and within 7 weeks almost all nodules had disappeared. It is claimed that relapses are possible and that the hormonal treatment has to be continued as long as there are symptoms of a clinically active process. Stransky - Manila (VI, 13)

HAUFTOVA, D

EXCERPTA MEDICA Soc 18 Vol. 2/5 Cardio July 58

1509. *Genesis of arrhythmias in Wolff-Parkinson-White syndrome* Vznik arytmií u syndromu W-P-W. ČERNOHORSKÝ J. and HAUFTOVA D. Vnitřní Klin. PU, Olomouc Vnitř. lēh. 1957, 3/9 (769—777) Illus. 7

In a woman of 45 yr. with rheumatic mitral disease who had a normal ECG up to that time, a paroxysm of tachycardia set in accompanied by retrosternal pains and later on by symptoms of heart failure. It was a case of impure atrial flutter with aberrant ventricular complexes. The ventricle rate in some ECG tracings was 300 per min., in others 150. In the phase of rapid frequency of the ventricles a ventricular tachycardia could not be excluded. Single ventricular complexes were normal, whereas most of them were prolonged and resembled those in W-P-W syndrome. As soon as the sinus rhythm was re-established through quinidine treatment, a W-P-W syndrome appeared, the ventricle complexes of which strikingly resembled those recorded in paroxysm of tachycardia. The necessity of respecting the diagnostic criteria in ventricular tachycardia was pointed out in the discussion. In this respect a critical standpoint was taken towards many cases that have been described in the literature as ventricular tachycardia. The probably acquired cause of this case described of W-P-W syndrome was dealt with. The origin and clinical symptoms were very similar to those provoked experimentally by Prinzmetal who by stimulation of atrio-ventricular node induced patterns of W-P-W syndrome and accompanying arrhythmias. (XVIII, 6\*)

3

Source: Vnitřní lékařství

Country: Czechoslovakia

Academic Degrees: MD

Affiliation: No I Clinic of Internal Medicine (I. vnitřní klinika) of UP [Univerzita Palackého, PALACKÝ University], in Olomouc. Head: professor P. LUKL, MD.

Source: Prague, Vnitřní lékařství, No 4, Apr 61, pp 384-392

Title: "Plasma Iron and Copper in the Course of Liver Diseases"

Co-author:

SLAVETSKÝ, J., doctor of natural sciences. Central Laboratory (Ústřední laborator)  
of the Faculty Hospital (Fakultní nemocnice) in Olomouc. Head: A. POŠTALOVSKÝ,  
MD, chief physician.

GPC 981645

LUKL, P.; ENDRYS, J.; HAUFTOVA, D.

Studies on hepatic circulation. Cas.lek.cesk 100 no.3:89-94  
20 Ja '61.

1.I. interni klinika PU v Olomouci, prednosta prof. MUDr. Pavel Luki.

(LIVER blood supply)

HAUPTOVA, D.; SEIDLOVA, V.; SLAVICEK, J.; MINARIKOVA, E.; VALACH, V.

Wilson's disease without neurological symptoms. Vnitřní lek. 11  
no. 2: 105-112 F '65

1. I. vnitřní klinika Palackého University v Olomouci (prednosta  
prof. MUDr. P. Lukl); Dětská klinika Palackého University v  
Olomouci (prednosta: prof. MUDr. J. Dhotak); Ústřední biochemické  
laboratoře FN v Olomouci (prednosta: MUDr. R. Podivínský) a  
Ústav patologické anatomie lékařské fakulty Palackého University  
v Olomouci (prednosta doc. MUDr. V. Valach).

HAUPTOVA, D.

Splenic pressure in liver cirrhosis. Vnitřní lek. 11 no.4:342-348 Ap'65.

I. I. vnitřní klinika Palackého University v Olomouci (prednosta: prof. MUDr. P. Lukl).

CZECHOSLOVAKIA

HAUPTOVA, D; SLAVICEK, J; SEIDLOVA, V.

1. First Internal Medicine Clinic of Purkyne University (I. vnitřní klinika PU), Olomouc; 2. Central Biochemical Laboratory of the Faculty Hospital (Ústřední biochemické laboratorie fakultní nemocnice), Olomouc

Prague, Vnitřní Lekarství, No 9, 1964, pp 838-841

"Some Genetic Aspects of Wilson Disease."

KISS, Gyula, dr.; HAUG, Agnes, dr.

Studies on percutaneous absorption following x-ray irradiation.  
Borgyogy. vener. szemle 37:74-77 '61.

1. A Pecsí Orvostudományi Egyetem Borgyógyászati Klinikája (Igazgató:  
Melczer Miklos dr. egyet. tanár) közleménye.

(SKIN radiation effects) (PERMEABILITY)  
(RADIATION INJURY exper)

DONHOFFER, Sz.; SZEGVARI, Gy.; VARGA-NAGY, I.; JARAI, I.; HAUG-~~IASZIO~~, A.

Dynamics of chemical thermoregulation in rats. Acta physiol. hung. 13  
no.1:37-56 1957.

1. Pathophysiologisches Institut der Medizinischen Universität, Pecs.  
(BODY TEMPERATURE  
thermoregulation, chem., dynamics in rats (Ger))

HAUGEN, O.

Harvesting green fodder in mountainous area. Tr. from the German. p. 353.  
(VESTNIK, Vol. 4, No. 7/8, 1957, Praha, Czechoslovakia)

SC: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

CZUKRASZ, Ida; HAUK, Istvan

Exophthalmos caused by bone tumors. Szemeszet 98 no.4:233-237 D '61.

1. Szolnok Megyei Tanacs Korhas (Igazgato: Leroy Karoly) Szemeszeti  
Osztalyanak (Foorvos: Czukrasz Ida) es Ful-~~Or~~-Gaga osztalyanak  
(Foorvos: Hauk Istvan) kozlemenye.

(EXOPHTHALMOS etiol) (OSTEOMA compl)  
(ETHMOID SINUS neopl) (FRONTAL SINUS neopl)

HAUKE-PACEWICZOWA, T.

"A selection of Rhizobium suitable for the inoculation of Galega officinalis; a report", p. 36, (ACTA MICROBIOLOGICA POLONICA, Vol. 1, No. 1, 1952, Warszawa, Poland)

SO: Monthly List of East European Accessions, L.C., Vol. 3, No. 4, April, 1954

HAUKE, Zygmunt, inz.

Economic problems of designing crossings of high-voltage power lines. Energetyka Pol 19 no.3:83-86 Mr '65.

1. Energoprojekt, Poznan.

Hańke - Pacewiczowa, T.

POL.

3172

031.40 : 631.048(438)

Ziemińska J., Hańke-Pacewiczowa T. A Microbiological Characterization of Soils of the Białowieża National Park.

„Charakterystyka mikrobiologiczna gleb Białowieżskiego Parku Narodowego”. Rozzniki Nauk Leśnych. Tom 1. 1953, PWNIL, pp. 43—70, 6 tabs.

With a view to determining the connection existing between the forest phytocenosis type and the quantitative and qualitative composition and dynamics of the soil microflora, investigations were carried out over 8 biotopes from the Białowieża National Park. The percentage composition of soil microflora for each biotope is given, as also the quantitative changes taking place during the three warmer seasons, the correlation between these changes and the soil moisture content and acidity. The importance of these studies for forestry as well as for medicine and the pharmaceutical industry is emphasized.

HAUTKE, Premysl, inz. CSc.; PETRICEK, Drahomir, RNDr.

Effect of pollination on the composition of hop cones and ingredients important for brewing. Rost vyroba 11 no.3: 281-286 Mr '65.

1. Hop Research Institute, Zatec. Submitted May 28, 1964.

HAULICA, A.

Rumania/Pharmacology. Toxicology. Cholinergic Drugs V

Abs Jour : Ref Zhur-Biol., No 8, 1958, 37559

Author : Corneanu M., Haulica A., Schaffer H.  
Inst : Academy of Rumanian People's Republic \*  
Title : Effect of Atropine on Changes in Blood Circulation Induced by Muscular Contractions (Vliyaniye atropina na izmeneniya krovoobrashcheniya, vyzvannye myshchnym sokrashcheniyem)

Orig Pub : Studii si cercetarii fiziolog., Avad. RPR. 1956 (Jan - June)  
Vol. 1, No 1-2, 251-265, BUCURESTI, ROMANIA.

Abstract : The effect of atropine on changes in blood circulation in humans induced by muscular contractions was studied with the help of the tensioplethismographic method. Upon the contraction of the muscles of the arm flexors, phases of vascular constriction followed by phases of dilation

Card 1/2

\* (ACADEMIA REPUBLICII POPULARE ROMANE - INSTITUTUL DE FIZIOLOGIE NORMALA SI PATOLOGICA)

Country : RUMANIA  
Category : Human and Animal Physiology. Circulation.  
Blood Vessels

Abs Jour: RZhBiol., No 19, 1958, 88881

Author : Corneanu-Dotca, M.; Dinulescu, E.; Haulica, A.  
Inst : Rumanian Academy  
Title : Investigation of Vascular Reflexes in Ulcerous Disease

Orig Pub: Studii si cercetari fiziolog. Acad. RPR, 1957, 2, No 3+4, 429-434.

Abstract: No abstract.

Card : 1/1

HAULICA, Ana

"L'action de l'acide glutamique sur l'appareil circulatoire. Role de la medullo-surrenale." Comunicarile, Academiei Republicii Populare Romine, Vol. 7, No. 10, 1957.

HAULICA, I.; POPA, A.; HAULICA, Ana; BADESCU, Alexandru; OZUN, R.

Metabolic and functional aspects of the liberation of catecholamines  
by reserpine. Studii cerc.fiziol. 4 no.3:409-420 '99. (REAI 9:5)  
(ADENOSINE TRIPHOSPHATES) (RESERPINE)

*Process for facilitating techniques of paper chromatography.* L. Chiosa and Ana Haulică. *Acad. rep. populare Romine, Inst. fiziol. normale patol. Univ. "D. Danielopolu," Studii cercetări fiziol.* 3, 535-7(1959).—The process, by which the soln. and the substance to be tested can be deposited simultaneously without prejudicing the accuracy of the measurement, consists in cutting longitudinal, parallel, narrow strips into the paper, 0.4-0.8 × 4-5 cm. These rectangular strips remain attached to the paper. By means of 2 thin rods these strips are lifted above the level of the rest of the paper, and the total quantity of the liquid (0.02-0.03 ml.) is left to run into the center of the strips. They are dried, the rods are pulled out, and the strips are placed in the chromatographic vessel, where they are processed in the usual manner. Felicitas D. Goodman

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1/1

3

99

CHIOSA, L.; HAULICA, I.; HAULICA, Ana

Pharmacological properties of an oxime, the chloride of phenacyloxime pyridinium. Note III. Action upon the smooth musculature and the salivary secretion. Studii cerc fiziol 5 no.1:79-87 '60. (EEAI 9:12)

1. Comitetul de redactie, Studii si cercetari de fiziologie (for Chiosa)

(OXIMES)	(PHENACYLPYRIDINIUM CHLORIDE)
(MUSCLES)	(SALIVA) (ACETYLCHOLINE)

*HAULICA, I.*  
ROMANIA/Pharmacology, Toxicology. Antiinflammation Drugs

U-8

Abs Jour : Ref Zhur - Biol., No 4, 1958, No 17770

Author : Danielopolu D., Haulica I.

Inst : Not Given

Title : The Inhibitory Action of Sodium Salicylate, Pyramidon, Aspirin and Antipyrine on the Spleen Introceptors.

Orig Pub : Acad, R.P.R. 1954 Bucuresti, 1955, 49-62

Abstract : The reflex changes in the mechanics of the iliac loop, respiration and blood pressure at a perfusion of the spleen with solutions of sodium salicylate, pyramidon, aspirin and antipyrine when stimulated by a solution of KCL, was studied. Aspirin at first somewhat strengthened, then weakened the reflexes, induced by KCL. Pyramidon and antipyrine caused a rapidly developing brief depression; sodium salicylate - a slow prolonged depression. It is believed that the mechanics of the therapeutic action of the drugs under study is determined largely by their depressing action on the introreception.

Card : 1/1

EXCERPTA MEDICA Sec. 2 8/19/53 Physiology, etc. No 16  
APPROVED FOR RELEASE: 09/19/2001 V CIA-RDP86-00513R000617920

5311. HAULICĂ I. and COVĂȘNEUNU Z. Inst. Fiziol. Norm. Patol. Acad. RPR. Bucharest. \*Noi cercetări asupra amfomimetismului adrenalinic. New studies on adrenalinic amfomimetism COM. AC.R.P.R. 1955, 5/11 (1671-1676) Graphs 2 Illus. 1

It has been found that ChE suppresses the compensatory parasympathetic effect of small doses of adrenaline on guinea-pig terminal ileum and frog rectus abdominis, while small doses of adrenaline inactivate ChE. It is concluded that the parasympathetic effect of small doses of adrenaline is due to inhibition of ChE, perhaps owing to the anti-alkaline effect of such doses. By the same mechanism large doses of adrenaline produce a stronger effect in presence of ChE.

Graur - Bucharest

Herman, I.

DANIELOPOLU, D.; HAULICA, I.

Studies on the effect of visceral interoceptors on somatic centers.  
Acta physiol.hung. 7 no.1-2:69-80 1955.

1. Institut de physiologie normale et pathologique de l'academie  
de la Republique Populaire Roumaine.

(NERVOUS SYSTEM, physiology,

eff. of stimulation of visceral interoceptors on somatic  
funct. & organs)

(SPLEEN, physiology,

eff. of stimulation on somatic funct. & organs)

HAULICA, I.

DANIELOPOLU, D.; FOTINO, S.; HAULICA, I.; POPESCO, I.

Phenomenon of transliminar exhaustion of tissue receptors following strong irritation of its formations. Acta physiol.hung. ? no.1-2: 81-89 1955.

1. Institut de physiologie normale et pathologie de l'academie de la Republique Populaire Roumaine.

(NERVOUS SYSTEM, physiology,

exhaustion of receptors after strong irritation)

(SPLEEN, physiology,

eff. of irritation on neural receptors, exhaustion after strong irritation)

(INTESTINES, physiology,

eff. of irritation on neural receptors, exhaustion after strong irritation)

HAULICA, I.

DANIELOPOLU, D.; FOTINO, S.; HAULICA, I.

Phenomenon of transmilinar exhaustion of chromatoffin tissue consecutive to strong irritation. Acta physiol.hung.7 no.1-2:91-101 1955

1. Institut de physiologie normale et pathologique de l'academie de la Republique Populaire Roumaine.

(CHROMATOFFIN SYSTEM, physiology,  
eff. of irritation, exhaustion)

(NERVOUS SYSTEM, physiology,  
exhaustion of chromatoffin tissue after strong irritation)

DANIELOPOIU, D., academician,; FOTINO, S.,; HAULICA, I.,; POPMSCU, I.

Reactivity phenomenon of tissue interoceptors after strong stimulation. Bul. stiint., sect. med. 7 no.2:335-347 Apr-June 55.

(NERVE ENDINGS, eff. of drugs on  
potassium chloride, causing reactivity phenomenon, in dogs)  
(POTASSIUM  
chloride, eff. on tissue interoceptors, in dogs)

T-13

ROMANIA/Human and Animal Physiology. The Sensory Organs

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 65817

Author : Daniilopolu D., Fotino S., Haulica I.

Inst : Romanian Academy

Title : An Investigation of the Effect of Ionic K and Ca on the Deep Tissue Sensitivity Zone

Orig Pub : Studii si cercetari fiziol. Acad. RPR, 1956, 1, No 3-4, 273-281

Abstract : Perfusion of the spleen with simultaneous recording of blood pressure, respiration and movements of the iliac colon was performed upon anesthetized dogs. The addition of 0.1 gm KCl to the perfusate produced a depression of intestinal movements and of vascular and respiratory reflexes. The addition of KCl in the stated dose after 0.2 gm  $\text{CaCl}_2$  had been added to the perfusate did not produce any such reaction in the course of  $\sim \frac{1}{2}$  hour. When 0.1 gm KCl plus 0.01 gm  $\text{CaCl}_2$  was introduced along with the perfusate, the reaction of the effectors was increased, but with a greater amount of

Card : 1/2

T-5

RUMANIA/Human and Animal Physiology - Blood Circulation.

Abs Jour : Ref Zhur - Biol., No 7, 1958, 31681

Author : Arsenescu, Gh., Zamfirescu, N., Haulica, I., Constantinju, I., Teodorini Sanda

Inst :

Title : Electrophysiological Investigations of the Phenomenon of Prohibitive Exhaustion of the Heart of a Frog by Means of Strophatine (Phenomenon Described by Daniyelopolu). Preliminary Report.

Orig Pub : Fiziol. norm. si patol., 1956, 3, No 2, 212-219.

Abstract : Daniyelopolu established that the isolated heart of a frog, stopped in a condition of contracture under the influence of massive doses of strophantine (I), can restore its performance in time under the action of massive doses of acetylcholine (II) or K. In the experiments of the authors, polarization by a direct-current cathode also caused restoration of the performance of the heart.

Card 1/2

RUMANIA/Human and Animal Physiology - Blood Circulation

T-5

"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R000617920001-

Abs Jour : Ref Zhur - Biol., No 7, 1958, 31681

Polarization by the anode strengthens the activity of I; restoration of contractions of the heart occurred in this case under the influence of II. If the heart stopped anew as a result of repeated dosage of II, then the renewal of its activity could be caused by anode polarization. According to the opinion of the authors, their experiments show the electrotonic nature of exhaustion of the heart and the cathelectrotonic properties of II and K.

Card 2/2

HAULICA, I.

"Actiunea acidului glutamic asupra anaraturului circulator. Rolul Medulosuprarenalei."  
Comunicarile, Academiei Republicii Populare Romine, Vol. 7, No. 10, 1957.

RUMANIA / Pharmacology and Toxicology. 5-Hydroxytryptamine.

V-3

Abs Jour : Ref. Zhur - Biologiya, No 17, 1958, No. 80535

Author : Haulica, I.

Inst : Not given

Title : New Data on the Physiological and Pharmacological Role of  
5-Hydroxytryptamine.

Orig Pub : Farmacia (Romin.), 1958, 6, No 1, 9-20

Abstract : No abstract given

Card 1/1

BADESCU, Alexandru; CHIOSA, L.; DOBRE, V.; HAULICA, I.; SCARLETE, T.

Pharmacological properties of an osime, the chloride of phenacyl-  
oxime by ridinium. Note 1: Cardiovascular action. Studii cerc.  
fiziol. 4 no.3:321-334 '59. (EBAI 9:5)  
(OXIMES) (PHENACYLPYRIDINIUM CHLORIDE)  
(CARDIOVASCULAR SYSTEM)

HAULICA, I.; POPA, A.; HAULICA, Ana; BADESCU, Alexandru; OZUN, R.

Metabolic and functional aspects of the liberation of catecholamines  
by reserpine. Studii cerc.fiziol. 4 no.3:409-420 '59. (EAI 9:5)  
(ADENOSINE TRIPHOSPHATES) (RESERPINE)

CHIOSA, L.; HAULICA, I.; HAULICA, Ana

Pharmacological properties of an oxime, the chloride of phenacyloxime pyridinium. Note III. Action upon the smooth musculature and the salivary secretion. Studii cerc fiziol 5 no.1:79-87 '60. (EEAI 9:12)

1. Comitetul de redactie, Studii si cercetari de fiziologie (for Chiosa)

(OXIMES)	(PHENACYLPYRIDINIUM CHLORIDE)
(MUSCLES)	(SALIVA) (ACETYLCHOLINE)

CHIOSA, L.; HAULICA, I.

Cardiovascular action of  $\gamma$ -aminobutyric acid. Rev. sci. med. 5 no.1/2:  
31-34 '60.

(AMINO ACIDS pharmacol)  
(CARDIOVASCULAR SYSTEM pharmacol)

CHIOSA, L.; HAULICA, I.; COVASNEANU, Zenobia; ANITESCU, M.; MANOLESCU, A.

Pharmacological properties of an oxime, the chloride of phenacyloxime pyridinium. Note IV. Action upon the striated musculature, correlation with cholinesterase, toxicity. Studii cerc fiziol 5 no.2:321-326 '60.

(EEAI 10:2)

1. Comitetul de redactie, Studii si cercetari de fiziologie, membru al Comitetului de redactie, Studii si cercetari de fiziologie (for Ghiosa)

(OXIMES)

(PHENACYLPYRIDINIUM CHLORIDE)

(STRIA LONGITUDINALIS MEDIALIS)

(STRIA LONGITUDINALIS LATERALIS)

(MUSCLES) (CHOLINESTERASES)

BENETATO, Gr., acad.; VASILECU, V.; HAULICA, I.; GRUNSPAN, M.; STERESCU, N.;  
COVASNEANU, Zenobia; CLEJAN, L.; DUMITRIU, S.

A study of the chemical mediators of adrenocorticotrophic neurohypophyseal  
secretion. Rumanian M Rev. no.1:94-95 Ja-Mr '61.

1. The "Prof. Dr. D. Danielopolu" Institute of Normal and Pathological  
Physiology, Academy of the R.P.R. Director: Acad. Gr. Benetato) and the  
Chair of Physiology of the Medicopharmaceutical Institute, Bucharest.  
(ADRENAL CORTEX physiology) (PITUITARY GLAND physiology)  
(PARASYMPATHOLYTICS pharmacology) (SYMPATHOLYTICS pharmacology)  
(HISTAMINE pharmacology)

GHIOSA, L.; HAULICA, I.

The action of gamma-aminobutyric acid on submaxillary cholinergic mediation. Rumanian M Rev. no.1:123-126 Ja-Mr '61.

1. The "Prof. Dr. D. Danielopolu" Institute of Normal and Pathological Physiology, Academy of the R.P.R. Director: Acad. Prof. Gr. Benetato.  
(AMINO ACIDS pharmacology) (SUBMAXILLARY GLAND pharmacology)  
(SYMPATHETIC NERVOUS SYSTEM pharmacology)

BENETATO, Gr.; HAULICA, I.; NESTIANU, V.; BUBUIANU, E.; GARDEV, M.;  
GHIZARI, E.; DUMITRIU, S.

Investigation of the relationship between cortical electric activity  
and cerebral metabolism. Rev. sci. med. 7 no.1/2:13-22 '62.

1. Member of the Academy of the R.P.R. (for Bonetato).  
(CEREBRAL CORTEX) (GLUTAMINE) (BRAIN)

BENETATO, Gr.; HAULICA, I.; ULUITU, M.; BUBUIANU, E.; MOCODEAN, I.;  
STEFANESCU, P.; SUHACIU, G.

Concerning the central nervous action of angiotensin on aldol-  
sterone secretion and electrolyte balance. Rumanian med. rev.  
7 no.3:3-7 J1-S'63

✖

BENETATO, Gr.; HAULICA, I.; ABABEI, L.; GHIZARI, Eugenia; MANESCU, Victoria

Excitatory effect of the reticular formation on the functional bio-chemistry of the cerebral cortex. Stud. cercet. endocr. 14 no.4/5/6: 457-466 '63.

\*

BENETATO, Gr.; OPRISIU, C.; TOMUS, L.; HAULICA, I.

Study of cerebral metabolism in non-anesthetized dogs ( in chronic experimental conditions with "isolated head"). Stud. cercet. fiziol. 10 no.1:13-22 '65.

HAULICA, I.

On the role of gamma-aminobutyric acid in cerebral biochemistry and activation. Fiziol. norm. pat. 11 no.3:273-277 My-Je '65.

1. Catedra de fiziologie, Institutul medico-farmaceutic, Iasi.

EXCERPTA MEDICA Sec 2 Vol 13/5 Physiology May 60

2434. MODIFICATIONS OF INTEROCEPTIVE REFLEXES IN ALKALOSIS AND ACIDOSIS - Modificările reflexelor interoceptive în alcaloză și acidoză - Haulică L., Clejan L., Cirstea M., Teodorini S. and GUTZAFTE E. - COM. ACAD. R. P. R. 1958, 8/12 (1335-1344) Graphs 4

Modifications induced by acidosis or alkalosis in splenic and intestinal interoceptive reflexes were studied in 29 dogs anaesthetized with urethan (1.6-1.7 g./kg. i.v.). The organ (spleen or intestinal loop) was perfused in situ with its nerve connections intact, an oxygenated Tyrode solution being used at 38°C. and under constant pressure and flow. Stimulation was effected by addition of KCl to the perfusion fluid. Reflex responses were registered before and after i.v. administration of Na bicarbonate or ammonium chloride, with recording, at various intervals, of the carotid pressure, respiration, ECG, enterogram, uterogram and kidney volume. Disturbance of acid-base equilibrium by excess of acid or base was verified in-

directly by determination of alkali reserve. In alkalosis there was an initial increase of interoceptive reflex activity followed by a decrease, according to the amount of bicarbonate administered. Acidosis always led to a decrease and sometimes a complete abolition of the respiratory and circulatory reflexes, and to an inversion or reinforcement, in the sense of excitation, of the viscerovisceral reflexes. The ECG and the kidney volume did not show reflex modifications. As the peripheral receptor apparatus was isolated from the vascular point of view, the phenomena are ascribed to modifications of sympathetic reactions due to the alkalosis or acidosis.

KAHOV COVA, Jitka, inz., HAUMER, Jaroslav, inz.; KORBFR, Mdenek

Re-esterification of methyl ester of fat acids with saccharose.  
Prum potravin 15 no.9:477-479 S '64.

1. Research Institute of the Fat Industry, Rakovnik.

HAUNER, FRANTISEK.

AGRICULTURE

Hauner, Frantisek. Plemenitba prasat. [Vyd 1.] V Praze, Statni Zemedelske  
nakl., 195 6 198 p. (Zivocisna vyroba) [Swine breeding. 1st ed.]

DA

Not in DLC

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 5,  
May 1959, Unclass.

STEJSKAL, Jan; PLESNIK, Jan; HRUSKA, Ladislav; SVOBODA, Jaroslav; NAJMR, Stanislav; PREININGER, Miroslav; HAUNER, Frantisek; BENDA, Josef, inz.; KRAJCOVIC, Vladimir; VLCEK, Kvetoslav; KRBlich, Jan; CERNY, Ladislav, Dr.; DVORACEK, Miroslav, inz. dr.; CHYTRA, Frantisek, inz.; POLTYN, Jiri; VYSKOT, Miroslav; STAMBERA, Jaroslav, C.Sc. Doc.Inz.; KOSIL, Vladimir; STUCHLIK, Jaroslav, Inz.; NAKLADAL, Jaroslav, Inz.; RICHTER, Lev, MVDr.

Statements of directors of institutes, and of managers of workplaces of the Czechoslovak Academy of Agricultural Sciences. Vestnik CSAZV 8 no.8/9:496-531 '61.

1. Dopisujici clen Ceskoslovenske akademie zemedelskych ved (for Stejskal, Plesnik, Hruska, Svoboda, Najmr, Preininger, Hauner, Benda, Krajcovic, Krblich, Dvoracek, Foltyn, Vyskot, Kosil) 2. Clen redakcni rady Vestniku Ceskoslovenske akademie zemedelskych ved (for Plesnik, Preininger, Foltyn, Vyskot) 3. Reditel Vyzkumneho ustavu zivocisne vyroby Ceskoslovenske akademie zemedelskych ved v Uhrinevsi (for Dvoracek) 4. Reditel Ustavu pro vedeckou soustavu hospodareni Ceskoslovenske akademie zemedelskych ved v Praze (for Benda)

(Czechoslovakia—Agriculture)

HAUNER, M.

A contribution to the problem of steel weldability and its testing.

P. 201 (Zvaracky Sbornik) Vol. 6, No. 2, 1957, Czechoslovakia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC. - VOL. 7, NO. 1, JAN. 1958

HAUNER, M.

"Methods of increasing productivity in welding and cutting metals." p. 308.

"Saving on material and production costs by rotary extrusion." p. 314.

"-ka-. Calculating the operational time for multispindle-drilling machines." p. 316.

STROJIRENSKA VYROBA. (MINISTERSTVO TEZKEHO STROJIRENSTVI, MINISTERSTVO PRESNEHO STROJIRENSTVI A MINISTERSTVO AUTOMOBILOVEHO PRUMYSLU A ZEMEDELSKYCH STROJU.)  
Praha, Czechoslovakia, Vol. 7, no. 7, July 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.  
Uncl.

HAUPTMAN, Jaroslav, inz. CSc.

Results of loose stabling of milch cows. Vest ust zemedel 11  
no. 7:300-304 J1 '64.

L 29489-65 EWT(m)/ENP(w)/T/ENP(t)/ENP(b) LJP(s) JB

ACCESSION NR: AP5003758

Z/0055/65/015/001/0064/0070

AUTHOR: Kotrbova, M.; Hauptman, Z.

TITLE: Growing crystals by the chemical transport method. III. Study of the growth of  $\alpha$ -iron crystals

SOURCE: Chekhoslovatskiy fizicheskiy zhurnal, v. 15, no. 1, 1965, 64-70

TOPIC TAGS: crystal growth, alpha iron crystal, crystal face, surface orientation, iron whisker, hydrochloric acid cycle, hydrobromic acid cycle, chemical transport method

ABSTRACT: The method of chemical transport is used for preparing crystals of  $\alpha$ -iron. The epitaxial growth of iron on iron seed crystals (whiskers) is studied during transport in closed quartz ampoules. The influence of a change in characteristic conditions, i.e., of the temperature of the growth zone, the difference in temperatures of the reaction and growth zones, the distance between the whiskers and the source, and the kind and concentration of the transport agent, on the quality of the surface of the grown layer is investigated. It was found that the method of chemical transport can be used to prepare larger crystals, bounded by smooth

Card 1/2

L 29689-65

ACCESSION NR: AP5003758

mirror-like surfaces of the same orientation, by the growth of new layers on the seed whiskers with external limitation by the {100} surfaces. Thin ( $\approx 10 \mu$ ) plate-like crystals regularly appeared in ampoules filled with hydrogen bromide. Orig. art. has: 1 figure and 2 tables.

ASSOCIATION: Institute of Physics, Czechoslovak AS, Prague.

SUBMITTED: 28 May 64

ENCL: 00

SUB CODE: SS, IC

NO REF SOV: 000

OTHER: 005

Card 2/2

SKRABALO, Zdenko, dr.; CREPINKO, Inge, dr.; HAUPTMANN, E..prof. dr.

Cytological methods in endocrinology. Med. glas. 15 no.10:  
332-336 0 '64.

1. Interni odjel Bolnice" Dr. O. Novosel" Medicinskog fakulteta  
u Zagrebu (Predstojnik: prof. dr. E. Hauptmann).

TOMASEGOVIC, Z.; JANKOVIC, Z.; PETKOVIC, V.; STANIC, M.; BETLHEIM, S.; BLAZEVIC,  
D.; PERSIC, N.; ZORINC, S.; TEODOROVIC, B.; VRANCIC, J.; VODOPILJA, I.;  
ANTONIAZZO, Z.; CULIC, R.; GALINOVIC-WEIEGLASS, M.; RADANOV, Z.;  
MRAVINAC, B.; KOEHLER-KUBELKA, N.; CEZNER, M.; KOHN, V.; TEKAVCIC, B.;  
EMILI, H.; SMERDEL, S.; SOOS, E.; VUKSANOVIC, V.; JANJATOVIC, M.;  
DERVISEVIC, I.; GRUENWALD, P.; SKRABALO, Z.; CREPINKO, I.; HAUPTMANN,  
E.; VIDACEK, S.; HORVAT, A.; MIOCKA, O.; IVANCEVIC, D.; PERGER, A.;  
KRSNJAVI, B.; PRAZIC, M.; SALAJ, B.; SUBOTIC, R.; RADOSEVIC, Z.; KELER-  
BACOKA, M.; HAHN, A.; MATKOVIC, B.; RADONIC, M.

Reveiw of periodicals; medicine. Bul sc Youg 9 no.4/5:145-147  
Ag-O '64.

HAUTMANOVA, K.

Seminar on light quantum generators in Liblice. Vestnik GSAV  
73 no.3:487-488 '64.

L 24325-65  
JD/JG/WH

EWI(1)/EWP(e)/EWI(m)/EWP(t)/SEC(b)-2/EWP(b)

Pq-4

IJP(c)

ACCESSION NH: AP4046327

Z/0055/64/014/009/0698/0706

AUTHOR: Hauptmanova, K.; Pantoflick, J.; Patek, K.

TITLE: Optical and luminescence properties of neodymium-activated glass

SOURCE: Chukhoslovatskiy fizicheskii zhurnal, v. 14, no. 9, 1964, 698-706

TOPIC TAGS: activated barium glass, Neodymium, spectrum, absorption capability laser design, luminescence kinetics

ABSTRACT: The authors investigated the properties of barium glasses, activated with neodymium to determine their suitability for use in a laser. They measured the emission spectrum, the light absorption and the luminescence kinetics as temperature functions. From the parameters obtained the threshold of the stimulated emission was determined. The spectrum of  $Nd^{3+}$  ions in the glass was interpreted from that of a free  $Nd^{3+}$ . The effect of increasing the Nd content and other possible changes to improve the absorption capability are discussed. The laser design and the application of the investigated glass in the laser technique are also described. The author believes that the possibilities of improving the quality of the investigated glass are exhausted as far as the

Card 1/2

L 24325-65

ACCESSION NR: AP4046327

quantum yield is concerned. This is true regarding the homogeneity and the purity of the glass. However, there is a possibility regarding the width of the emission curve as well as in the Nd<sup>3+</sup> structure and luminescence center. Another possibility exists in the increase of the Nd content, thus augmenting the absorption coefficient.

ASSOCIATION: Institute of Physics, Czechosl. Acad. Sci., Prague; Physical Faculty, Charles University, Prague

SUBMITTED: 06Nov65

ENCL: 00

SUB CODE: OP, EC

NO REF SCW: 001

OTHER: 017

Card  
2  
1/2

HAUPTVOGEL, J., inz.

Hydraulic conditions in hydrocyclones. Strojirenstvi 13  
no.11:811-819 N '63.

1. Katedra chemických strojov, Slovenska vysoka skola  
technicka, Bratislava.